SEQUENCE LISTING

<110> Srinivasan, Ananthachari
Erion, Jack L.
Schmidt, Michelle A.

<120> LABELED NEUROTENSIN DERIVATIVES

<130> 1405Q

<140> US/10/036,918
<141> 2003-04-21

<150> 60/140,913
<151> 1999-06-23

<150> 60/213,068
<151> 2000-06-21

<160> 6

<170> PatentIn Ver. 2.0

<210> 1
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)
<223> Pyroglutamic acid.

<400> 1
Xaa Leu Tyr Glu Asn Lys Pro Arg Arg Pro Tyr Ile Leu
1 5 10

<210> 2
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)

<223> Diethylenetriamine pentaacetic acid (DTPA) is coupled to this residue.

<220>
<221> MOD_RES
<222> (1)..(2)
<223> These two residues are joined by a pseudo peptide bond.

<220>
<223> Description of Artificial Sequence:Synthetic peptide with a pseudopeptide bond.

<400> 2
Lys Arg Pro Tyr Ile Leu
1 5

<210> 3
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)
<223> Diethylenetriamine pentaacetic acid (DTPA) is coupled to this residue.

<220>
<223> Description of Artificial Sequence:Synthetic peptide.

<400> 3
Arg Arg Pro Tyr Ile Leu
1 5

<210> 4
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)
<223> Diethylenetriamine pentaacetic acid (DTPA) is coupled to this residue.

<220>
<221> MOD_RES
<222> (1)
<223> This residue is piperidinylglycine.

<220>
<221> MOD_RES
<222> (3)
<223> This residue is (N-amidinopiperidinyl) glycine.

<220>
<221> MOD_RES
<222> (7)
<223> This residue is t-butylglycine.

<220>
<223> Description of Artificial Sequence:Synthetic peptide.

<400> 4
Xaa Pro Xaa Arg Pro Tyr Xaa Leu
1 5

<210> 5
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic peptide.

<220>
<221> MOD_RES
<222> (1)
<223> Diethylenetriamine pentaacetic acid (DTPA) is coupled to this residue.

<220>
<221> MOD_RES
<222> (1)
<223> This residue is trans-(4-aminomethyl) cyclohexylalanine.

<220>
<221> MOD_RES
<222> (3)
<223> This residue is (N-amidinopiperidinyl) glycine.

<220>
<221> MOD_RES
<222> (7)
<223> This residue is t-butylglycine.

<400> 5
Xaa Pro Xaa Arg Pro Tyr Xaa Leu
1 5

<210> 6
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic peptide.

<220>
<221> MOD_RES
<222> (1)
<223> Diethylenetriamine pentaacetic acid (DTPA) is coupled to this residue.

<220>
<221> MOD_RES
<222> (1)
<223> This residue is piperidinylalanine.

<220>
<221> MOD_RES
<222> (3)
<223> This residue is (N-amidinopiperidinyl) glycine.

<220>
<221> MOD_RES
<222> (7)
<223> This residue is t-butylglycine.

<400> 6
Xaa Pro Xaa Arg Pro Tyr Xaa Leu